

(C) WPI/Derwent

AN - 2001-065170 [08]

AP - JP19990078683 19990323

CPY - HITB

DC - A21 A85 G02 L03 V04 X12

FS - CPI;EPI

IC - C08J5/24 ; C08L65/00 ; H05K1/03

MC - A04-B04 A05-C01B A07-A04B A08-R01 A11-B09A1 A12-B01B A12-B01G A12-B01J  
A12-S08 G02-A02C4 G02-A02D1 G02-A02F L03-H04E1  
- V04-R07L X12-E02B

PA - (HITB ) HITACHI CHEM CO LTD

PN - JP2000273291 A 20001003 DW200108 C08L65/00 005pp

PR - JP19990078683 19990323

XA - C2001-018314

XIC - C08J-005/24 ; C08L-065/00 ; H05K-001/03 ; (C08L-065/00) ; (C08L-009/02)

XP - N2001-049269

AB - JP2000273291 NOVELTY - Thermosetting resin composition (I) comprises  
(A) benzoxazine ring-containing resin and (B) rubber-like polymer.

- DETAILED DESCRIPTION - (A) is prepared by reaction of novolak-type  
phenol resin with amine(s) and formaldehyde.

- (B) is preferably acrylonitrile/butadiene copolymer(claimed).

- Preparation of (I) varnish: (A) 100 parts by weight and (B) 0.5-40  
(preferably 1-35) parts by weight are dissolved in solvent, one or  
more of acetone, methyl ethyl ketone, toluene, xylene etc, to obtain  
(I) varnish.

- USE - (I) is useful as material for preparation of prepgs, the  
prepgs are used as material for preparation of laminates (claimed).

- ADVANTAGE - (I) gives laminate fabrication with minimum formation of  
interlayer cracks in through hole fabrication.

- (Dwg.0/0)

C - C08L65/00

- C08L9/02

IW - THERMOSETTING RESIN COMPOSITION PREPREG LAMINATE MATERIAL COMPRIZE

BENZOXAZINE RING CONTAIN RESIN RUBBER POLYMER

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NC - 001

OPD - 1999-03-23

ORD - 2000-10-03

PAW - (HITB ) HITACHI CHEM CO LTD

TI - Thermosetting resin composition used as prepreg and laminate material  
comprises benzoxazine ring-containing resin and rubber-like polymer

A01 - [001] 018 ; R00868 G1105 G1092 D01 D19 D18 D31 D50 D76 D86 F31 F30 ;  
R00001 G1503 D01 D50 D81 F22 ; P0226 P0282-R D01 D18 F30 ; H0022

H0011 ; H0328 ; S9999 S1627 S1605 ; P0293

- [002] 018 ; K9789 ; Q9999 Q7818-R ; B9999 B3849-R B3838 B3747 ;

ND01 ; K9574 K9483 ; K9676-R

- [003] 018 ; G3430 D01 D02 D11 D10 D19 D18 D31 D50 D76 D88 ; R00272

G1525 D01 D11 D10 D50 D83 F23 ; R00437 G1525 D01 D11 D10 D50 D84 F23 ;

R00862 D01 D02 D11 D10 D19 D18 D31 D50 D76 D87 ; A999 A475 ; A999

A771

- [004] 018 ; A999 A248-R

A02 - [001] 018 ; R00817 G0475 G0260 G0022 D01 D12 D10 D26 D51 D53 D58 D83  
F12 ; R00806 G0828 G0817 D01 D02 D12 D10 D51 D54 D56 D58 D84 ; H0022

H0011 ; M9999 M2062 ; P0328 ; P0088 ; P0124

A03 - [001] 018 ; Br 7A ; P0464-R D01 D22 D42 F47 ; A999 A248-R ; A999

A782